

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S63	12	("4255165" "5025874" "5027912" "5135061" "5423387" "5531281" "5887655" "5887668" "5979571" "6009962" "6073518" "7025156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 07:47
S64	18	("1342424" "1981525" "1997312" "20040124010" "20050183892" "3624760" "4190383" "4759413" "5311954" "5979571" "6131675" "6415877" "6612383" "6648081" "6708769").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/02 07:57
S60	11	(US-20050183892-\$ or US-20040245020-\$ or US-20040226751-\$ or US-20040188141-\$ or US-20050145417-\$).did. or (US-6655481-\$ or US-6439326-\$ or US-5887668-\$ or US-4956238-\$ or US-5259469-\$ or US-6063502-\$). did.	US-PGPUB; USPAT	OR	ON	2006/10/02 07:57
S66	0	drillab\$5 with blade with groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:09
S65	0	drillab\$5 near5 blade near5 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:09
S67	0	drillab\$5 near5 bit near5 groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:12
S70	4	drillab\$5 with bit with (slot groove slit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:31
S68	3	drillab\$5 with bit with groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:31

## EAST Search History

S69	24	drillab\$5 near5 bit near5 casing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 09:33
S71	10	drillab\$5 near5 bit near5 (improve\$4 increas\$3 facilitat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 10:26
S73	14	(drillab\$5 near5 (improve\$4 increas\$3 facilitat\$3)) same (casing near2 (bit shoe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 10:35
S74	34	(drillab\$5 near5 (improve\$4 increas\$3 facilitat\$3)) and (casing near2 (bit shoe)) and (groove slot slit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:08
S78	1	S77 and (electric\$5 near3 (disbond\$3 disband\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:09
S77	41383	("175").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:09
S76	0	S75 and (electric\$5 near3 (disbond\$3 disband\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:09
S75	54241	("166").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/02 11:09

## EAST Search History

S72	10	(drillab\$5 near5 (improve\$4 increas\$3 facilitat\$3)) with (casing near2 (bit shoe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:18
S79	5	(blade near3 (groove slot slit channel)) with (casing near2 (bit shoe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:19
S81	69	(blade near5 (groove slot slit channel)) and (casing near2 (bit shoe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:20
S80	18	(blade near5 (groove slot slit channel)) same (casing near2 (bit shoe))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 11:20
L12	17	(casing near3 (bit shoe)) same blade same spiral\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:13
L13	21	(casing near3 (bit shoe)) same blade same (wave spiral\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:14
L16	128	(drill\$3 near3 (bit shoe)) same (blade near5 (wave spiral\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:15
L15	759	(drill\$3 (bit shoe)) same (blade near5 (wave spiral\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:15

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L14	31	(casing near3 (bit shoe)) and (blade near5 (wave spiral\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/02 15:15
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